

Title (en)

Battery pack and method of charging battery pack

Title (de)

Batteriepack und Verfahren zur Ladung eines Batteriepacks

Title (fr)

Bloc-batteries et procédé de chargement de bloc-batteries

Publication

**EP 2367259 A2 20110921 (EN)**

Application

**EP 10197007 A 20101224**

Priority

KR 20090131800 A 20091228

Abstract (en)

A battery pack (100, 300) and a method of charging the same are disclosed. The battery pack is chargeable by a variety of chargers (200) which have different output voltages. The battery pack comprises a chargeable battery cell (110, 310); a charging terminal part (120, 320) selectively connectable to the battery cell; a protection circuit (130, 330) configured to control charging and discharging of the battery cell; a first switching element (140, 340) connected between the battery cell and the charging terminal part; a converter circuit (160, 360, 361) connected to the charging terminal part, the converter circuit configured to receive an input voltage applied to the charging terminal part and to output a voltage different from the input voltage; and a second switching element (150, 350, 351) connected between the converter circuit and the battery cell.

IPC 8 full level

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CPC (source: EP KR US)

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BA ME

DOCDB simple family (publication)

**US 2011156655 A1 20110630**; **US 8633677 B2 20140121**; CN 102110864 A 20110629; CN 102110864 B 20150415; EP 2367259 A2 20110921; JP 2011139622 A 20110714; JP 5495443 B2 20140521; KR 101097262 B1 20111221; KR 20110075364 A 20110706

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